

Fig. 1

WO 2005/028509 PCT/EP2004/010700 2 / 21 HEK293 A hTLR2 Vector mTLR2 B Macrophages ConA Overlay T2.5 Mouse TLR2-/-Mouse TLR2\*/\* Human

Fig. 2

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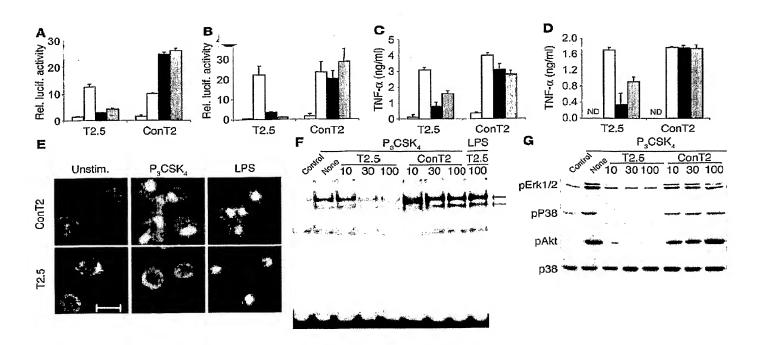


Fig. 3

0.8

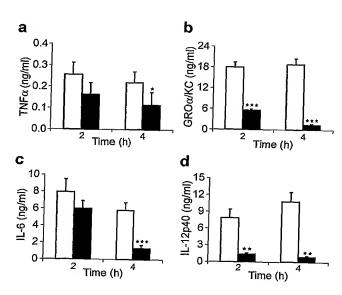
TLR2

0.06

Fig. 4

2.47

Fig. 5



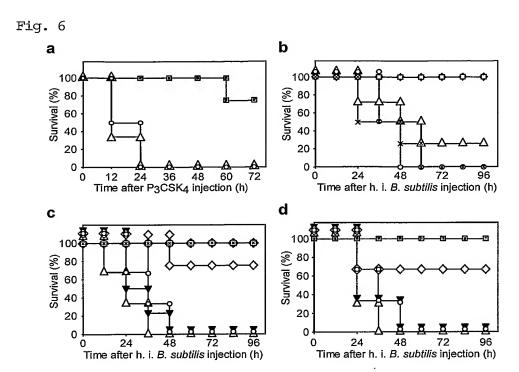


Fig. 7

Filled, 2nd Ab alone; Thin line, TL2.1; Thick line, mT2.5

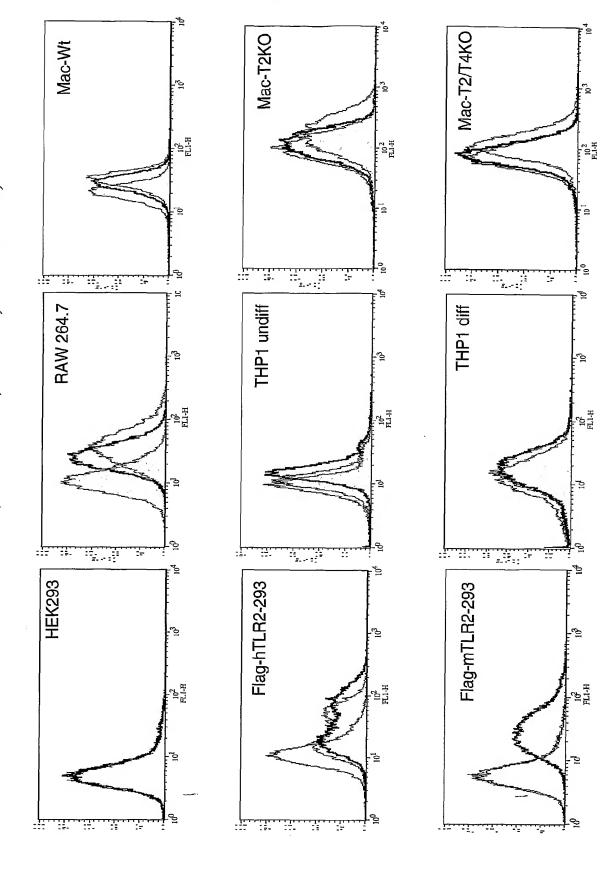


Fig. 8

Overlay Overlay ConA ConA **T2.5** RAW

Fig. 9

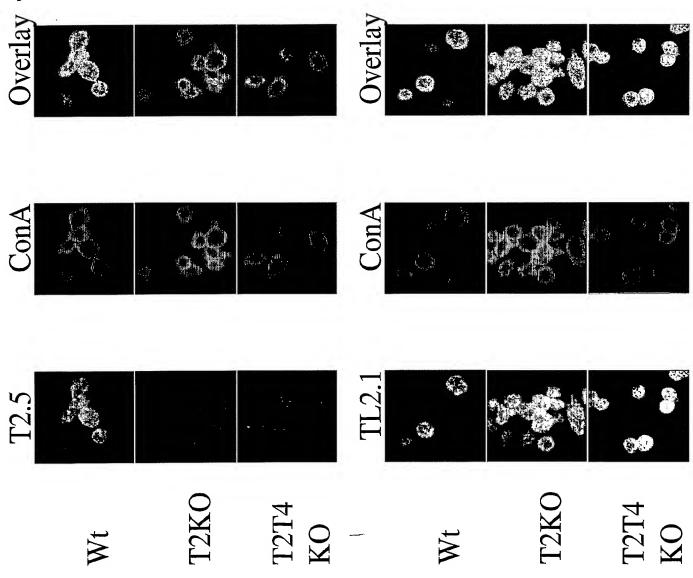


Fig. 10

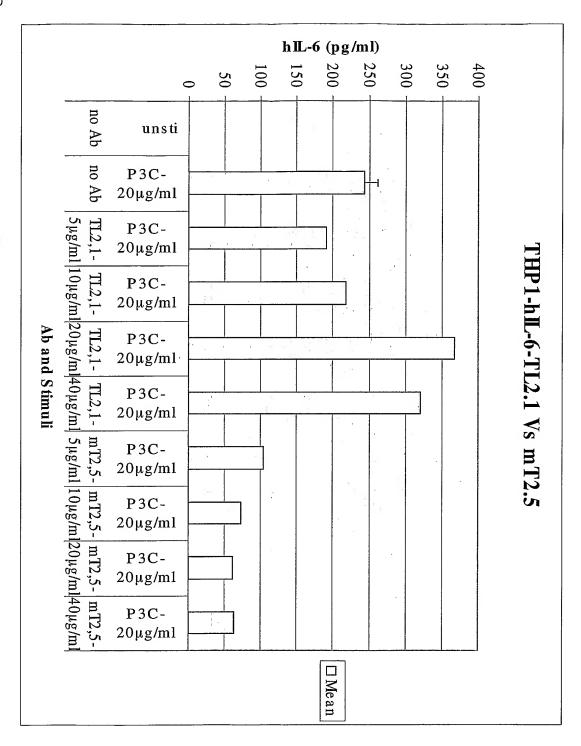


Fig. 11

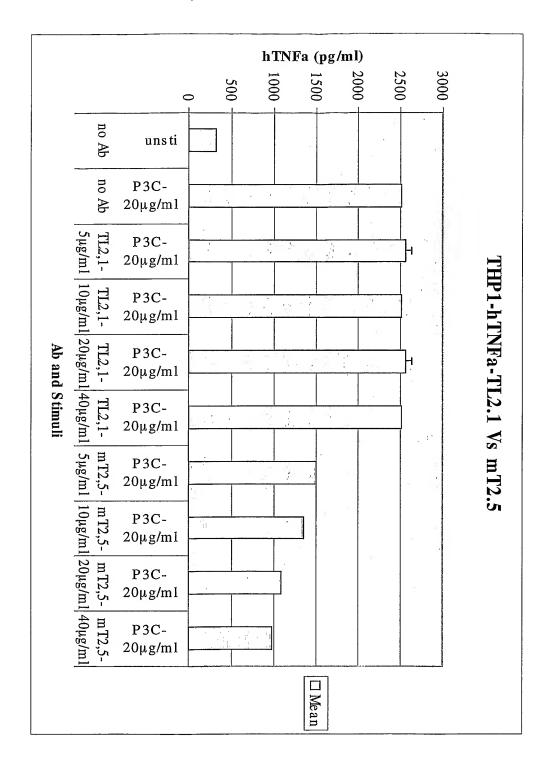
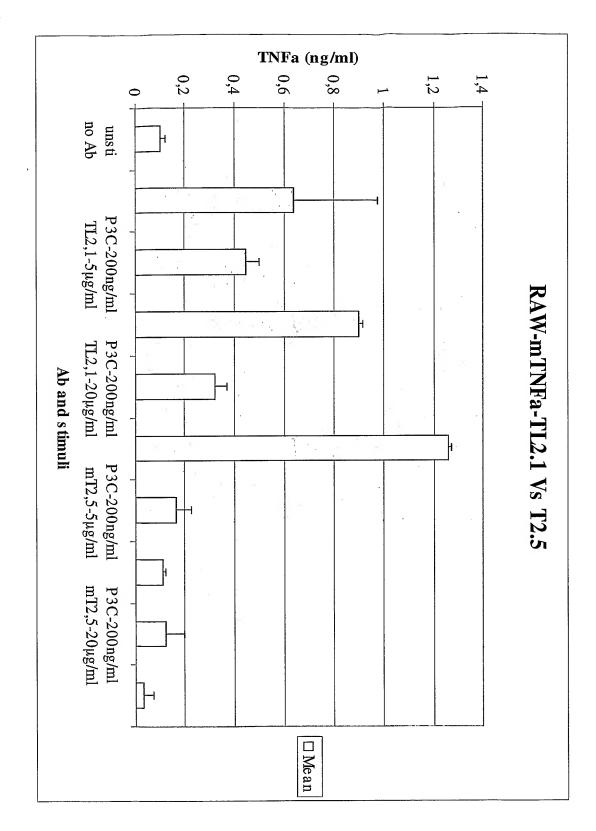


Fig. 12



PCT/EP2004/010700

Fig. 13

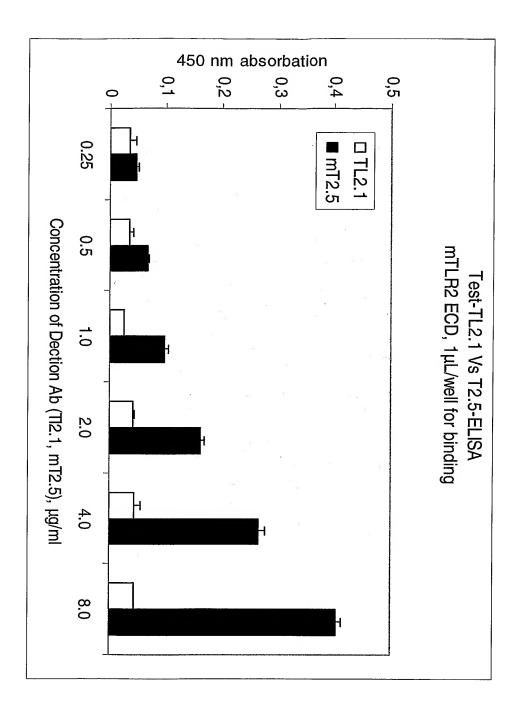


Fig. 14

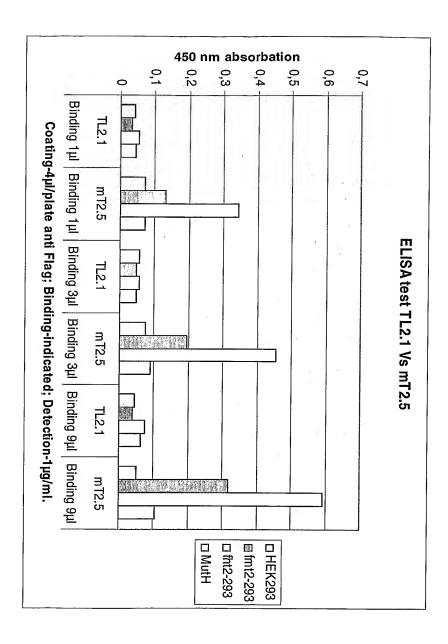
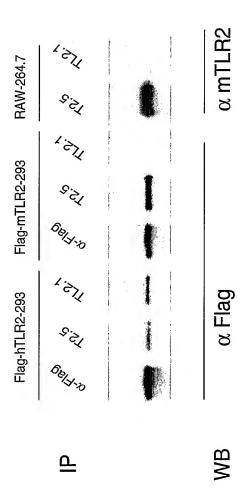


Fig. 15



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T2.5 a Flag hT2.5 Lys hT2.5 Sup Agarose

1 2 3 4 5 6 7 8 9 10

97 kD→

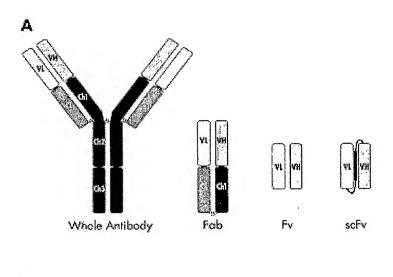
Abs for IP, as indicated, hT2.5 stands for lineralized T2.5 heavy chain and light chain fused with C terminal human IgG1 Fc.

Ags for IP, for lanes 1, 3, 5, 7, 9, it was lysates from HEK 293 cells over expressing Flag taged mouse TLR2 for lanes 2, 4, 6, 8, 10, it was lysates from HEK293 cells without any transfection.

WB was done with anti Flag poly clonal sera. Binds at 97 kD resolved on 10 % SDS-PAGE gel indicate the position of Flag taged murine TLR2 upon overexpression in HEK 293 cells precipated with Abs.

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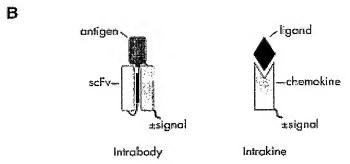


Fig. 16 A1

Fig. 16 A2

and partially humanized anti TLR2 antibody Expression construct for single chain

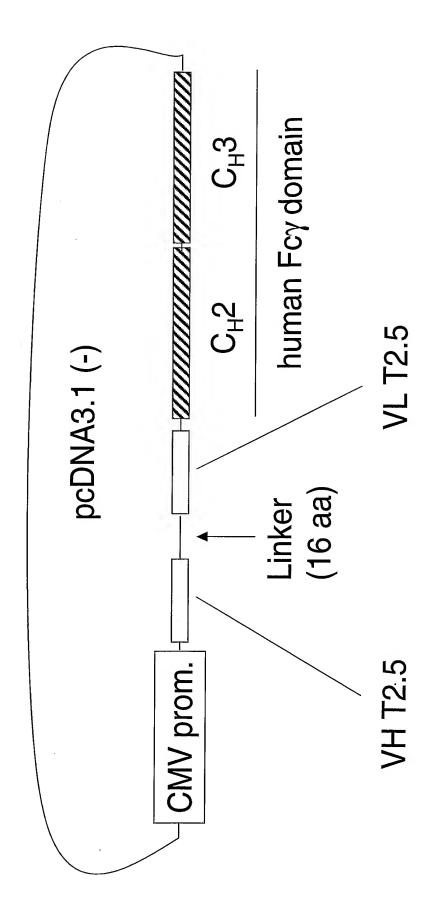
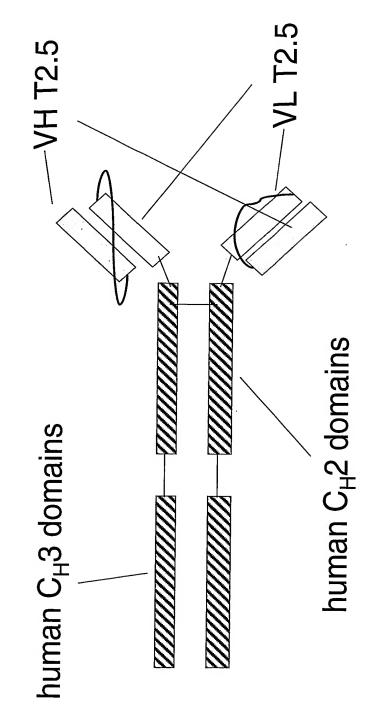


Fig. 16 A3

## Partially humanized anti TLR2 Ab



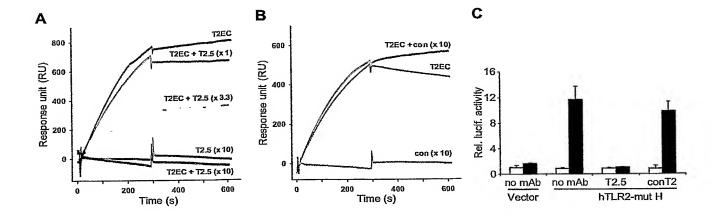
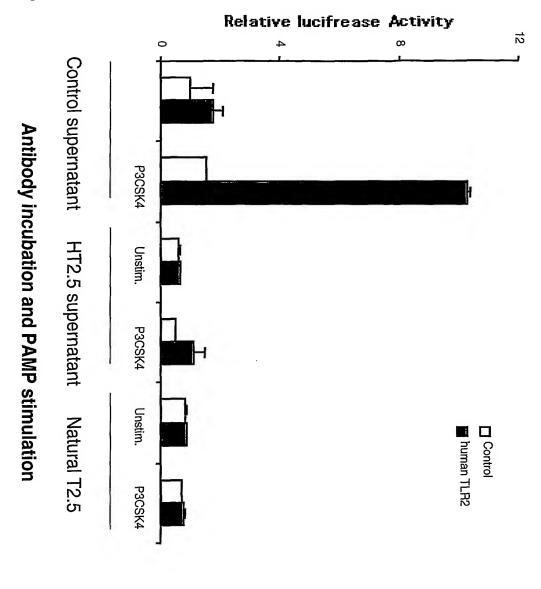


Fig. 17

Fig. 18



activation of TLR2-overexpressing cells upon PAMP challenge Inhibitory effect of partially humanized T2.5 (hT2.5) on